

A power-split transmission with a variator (1) is proposed, which is constructed as a toroid or friction wheel variator, as a band or chain variator, as a tapered ring transmission or as a continuous hydrostatic transmission, with a variator output transmission (2) including a planetary gearset (9) and a further planetary gearset (3), which, connected before the variator in the direction of the flux of force, serves as a distribution transmission, and, connected behind the variator in the direction of the flux of force, serves as a summation transmission for the power-splits, in which the variator output transmission (2), the variator (1) and the additional planetary gearset (3) are arranged coaxially, and wherein the spatial arrangement of the variator output transmission (2), the variator (1) and the planetary gearset (3) in the output direction are indicated by one of the following schemata; variator (1) - variator output transmission (2) - planetary gearset (3); variator (1) - planetary gearset (3) - variator output transmission (2); planetary gearset (3) - variator (1) - variator output transmission (2); planetary gearset (3) - variator output transmission (2) - variator (1); variator output transmission (2) - planetary gearset (3) - variator (1) and variator output transmission (2) - variator (1) - planetary gearset (3).